

which he has observed is the imperfection of the alimentary canal, which in these young larvæ is not yet formed and is replaced by a mass of globules. These larvæ taking no nourishment, the intestinal canal appears to be developed more slowly; the individuals in the author's possession died too suddenly to allow him to observe this formation.—*Société Philom. de Paris*, Jan. 17th, 1846.

METEOROLOGICAL OBSERVATIONS FOR MAY 1846.

Chiswick.—May 1. Dry haze: overcast. 2. Overcast. 3. Dry haze. 4. Cloudy and fine. 5. Very fine: showers. 6. Showery: cloudy and fine. 7. Cloudy and fine. 8. Overcast: exceedingly fine: clear at night. 9. Very fine. 10. Slight rain: cloudy: clear. 11, 12. Very fine. 13. Light clouds: overcast: rain at night. 14. Clear: cold and dry. 15. Cloudless: light clouds and fine: clear and cold at night. 16. Uniformly overcast: dry haze: densely overcast at night. 17. Overcast: rain: clear. 18. Rain: cloudy: boisterous. 19. Very fine: thunder-showers: densely overcast. 20. Rain: heavy showers. 21—23. Very fine. 24. Slight fog: overcast and fine. 25, 26. Very fine. 27. Cloudless: very fine: overcast. 28, 29. Very fine. 30. Hot and dry. 31. Cloudless: hot and sultry: clear.

Mean temperature of the month	56°·16
Mean temperature of May 1845	50·04
Mean temperature of May for the last twenty years ...	54·77
Average amount of rain in May	1·84 inch.

Boston.—May 1. Fine. 2—4. Cloudy. 5, 6. Fine: rain P.M. 7. Cloudy. 8, 9. Fine. 10. Cloudy: rain early A.M. 11, 12. Fine. 13. Cloudy. 14—16. Fine. 17. Cloudy: rain early A.M. 18. Cloudy: rain A.M.: thunder P.M. 19. Fine. 20. Fine: hail and rain A.M. and P.M., with thunder and lightning. 21. Cloudy. 22. Fine: rain P.M. 23, 24. Fine. 25, 26. Cloudy. 27—29. Fine. 30. Fine: 3 o'clock P.M. 75°. 31. Fine.—N.B. The warmest May since 1833: it was 62°·8.

Sandwich Manse, Orkney.—May 1. Drizzle: damp. 2. Bright: clear. 3. Clear: aurora. 4. Bright: rain. 5, 6. Rain: cloudy. 7. Fine: rain. 8. Cloudy. 9. Clear: cloudy. 10. Clear: thunder and hail. 11. Bright: drops. 12. Bright: cloudy. 13, 14. Bright: fog. 15. Bright: cloudy. 16. Bright: clear. 17. Rain. 18. Fog: cloudy. 19—21. Damp: cloudy. 22. Rain: damp. 23. Showers: bright: cloudy. 24. Showers: clear. 25. Rain: cloudy. 26. Showers. 27, 28. Showers: cloudy. 29. Cloudy. 30. Rain: cloudy. 31. Cloudy: fine.

Applegarth Manse, Dumfries-shire.—May 1. Dropping day. 2. Fair and fine. 3. Fair and very fine. 4. Rain all day. 5. Heavy showers. 6. Showers. 7, 8. Fair and fine. 9. Fair and fine: a few drops P.M. 10. Heavy rain during the night. 11. Fair and fine. 12. Slight shower: growing weather. 13—16. Fair and fine. 17. Showery morning: cleared. 18. Showery all day. 19. Rain P.M. 20. Rain during the night: cleared. 21. Showers: thunder. 22. Drizzly all day. 23—25. Very fine day. 26. Very fine day: droughty. 27, 28. Very droughty. 29—31. Very warm.

Mean temperature of the month	52°·6
Mean temperature of May 1845	50·0
Mean temperature of May for 23 years	51·0
Mean rain in May	1·96 inches.
Mean rain in May for 18 years	1·73 „